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## Sierra Grande Broadcasting 3400 Rowland Hutchinson, Kansas 67502-1324

JUL 1 9 2004

FCC - MAILROOM

July 11, 2004

Federal Communications Commission Audio Division Mass Media Bureau 445 Twelfth Street SW Washington, DC 20554

Reference:

MB Docket 02-164

RM-10476.

MB Docket No. 04-218

RM-10987.

In my Change of Address, dated June 16, 2004, I stated, without proof, that my Cimarron, New Mexico 296C1 proposal could be built on Rayado Mesa, and not conflict with the present KNKN (FM) 296C2, Pueblo, Colorado transmitter site. Enclosed in my engineering spreadsheet that shows that Rayado Mesa is currently a viable transmitter site for my Cimarron, New Mexico 296C1 proposal. To the east to southeast of Rayado Mesa is an open plain that could also contain the possible Cimarron, New Mexico 296C1 transmitter site. The updated engineering spreadsheet takes care of the conflict mentioned in footnote 1 of DA 04-1623, therefore I request that my petition for Cimarron, New Mexico 296C1 not be dismissed.

The summit of Rayado Mesa is more than three-hundred meters above its immediate surroundings. (This is not to imply what the HAAT, of this site, will be.) The summit of Rayado Mesa is at least three-meters higher in elevation than Cimarron, New Mexico is, and there are no terrain obstructions between the base of Rayado Mesa and Cimarron, New Mexico.

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KRTN-FM, 230C1, Raton, New Mexico, provides Cimarron, New Mexico with its first full-time aural service, this is priority (1), footnote 3 DA 04-1623. Footnote 3 of DA 04-1623 states that priorities (2) second full-time aural service and (3) first local service are given equal weight. To the south of Springer, New Mexico, on Interstate Highway 25, I only have marginal copy of KKIT, 256C2, Angel Fire, New Mexico. The Cimarron Range is between the KKIT 256C2 transmitter site and Cimarron, New Mexico. When I was driving around Cimarron, to see what was there, I did not think to check to see if KKIT was receivable in Cimarron.

The granting of Cimarron, New Mexico 296C1 would be its first local service. This would be priority (3). Item 3., of DA 04-1623 states that Las Vegas, New Mexico would retain local service of two AM broadcast stations, four FM broadcast stations, and has two vacant FM allotments. By footnote 3, to grant the proposed Las Vegas, New Mexico 296A is priority (4).

I do not know what the priority scheme is between proposed full power FM stations and current low power FM stations. I think that I saw that the Raton, New Mexico 296L1 proposal is now licensed. The proposed site of the Raton, New Mexico 296L1 transmitter site is 72.5 km from my updated reference coordinate for my proposed Cimarron, New Mexico 296C1. In my engineering spreadsheet, I show that there is to be a minimum of 111 km between co-channel Class C1 and Class L1.

To the best of my ability the information contained in this document is correct. It is my intent to submit an application for construction permit for the Cimarron, New Mexico 296C1 allotment if approved, and build the station.

## Sierra Grande Broadcasting Cimarron, New Mexico 296C1 FM Allocation

			Ş	•	*	4.2	Lati	itude		Middle	latitude		Long	gitude	
City of Licens	e State	Call Sign	eri	Channel	Class	Degrees	Minutes	Seconds	Decimal	Degrees	Radians	Degrees	Minutes	Seconds	Decimal
Cimarron	New Mexico	Proposed :	station	296	C1	36	19	5 .	36.318	36.3181	0.6339	104	51	54	104.87
Cimarron	New Mexico	City		:		36	30	42	36.512	36.4149	0.6356	104	55	0	104.92
Co-channel		•	\$1 \$1 \$4	÷ .							**			<i>,</i> **	
Bayfield	Colorado	KLJH	*;	296	C	37	21	49	37.364	36.8408	0.643	107	47	30	107.79
Pueblo	Colorado	KNKN	11	296	, C2	38	21	32	38.359	37.3385	0.6517	104	38	13	104.64
Armijo	New Mexico	KNKT		296	C2	35	3	15	35.054	35.6861	0.6228	106	51	31	106.86
Las Vegas	New Mexico	K296EN	S	296	,D	35	37	59	35.633	35.9756	0.6279	105	14	10	105.24
Raton	New Mexico	BNPL2001	0612AGG		ី <b>L1</b>	36	52	14	36.871	36.5943	0.6387	104	26	0	104.43
Rowe	New Mexico	BNPL2001		296	ੂ <b>L1</b>	35	27	46	35.463	35.8904	0.6264	105	39	16	105.65
Santa Rosa	New Mexico	K296EP	•	296	ã D	34	58	15	34.971	35.6444	0.6221	104	47	25	104.79
Canyon	Texas	KPUR	17	296	Α	35	5	9	35.086	35.7019	0.6231	101	54	48	101.91
First adjacnet channels			. •	• .	*				*						
Pueblo	Colorado	KNKN		295	C2	38	6	-32	38.109	37.2135	0.6495	104	29	18	104.49
Las Animas	Colorado	VACANT	a'	297	A	38	3	54		37.1915		103	13	24	103.22
Second adjacent channels															
Los Alamos	New Mexico	KQBA		298	C1	36	5	21	36.089	36.2036	0.6319	106	1	41	106.03
Third adjacent channels															
<u>lmage channe</u> Raton	els New Mexico	KBKZ	>	243	C2	36	59	33	36.993	36.6553	0.6398	104	28	24	104.47

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Call Sign	Kilometers per degree latitude	Kilometers per degree longitude	North South distance km	East West distance km	Distance km	Required seperation km	Direction degrees	Remarks
Proposed station Cimarron	110.96217 110.96399	89.80241 89.69124	0 21.48386	0 4.63405	0 22	< 50	0 345.06	
KLJH KNKN KNKT K296EN BNPL20010612AGG BNPL20010612AFX K296EP KPUR		89.19903 88.61775 90.52177 90.19365 89.4845 90.2904 90.56881 90.50388	116.02742 226.49468 140.22889 76.00468 61.30948 94.89662 149.4737 136.71582	261.05583 20.20977 180.46521 33.47187 38.62748 71.27925 6.7675 267.13729	285.7 227.4 228.5 83 72.5 118.7 149.6 300.1	270 224 224 111 111 200	289.66 6.38 237.63 208.45 38 222.71 176.83 112.66	Moving to 295C2
KNKN VACANT KQBA	110.9791 110.97868 110.96002	88.76439 88.79009 89.9335	198.74507 193.87359 25.39752	33.43459 145.76373 104.59766	201.5 242.6 107.6	158 133 82	11.88 43.22 258.87	Construction premit
KBKZ	110.96853	89.41405	74.84211	35.0205	82.6	27	30.14	Construction premit